

Serial No.: 09/586,410

Attorney Docket No.: 00P7661US01

REMARKS

Upon entry of the instant amendment, claims 1-18 are pending. Claim 2 Has been amended to obviate an objection; Claims 1, 6, 11, and 16 have been amended to more particularly point out Applicants' invention.

Claim 2 was objected to because of a missing period. Claim 2 has been amended to provide the period. As such, Applicants respectfully submit that the basis for the objection is obviated.

Claims 1, 6, 11, and 16 have been rejected under 35 U.S.C. §102(b) as being unpatentable over Chang, U.S. Patent No. 5,230,049 ("Chang"). In order for there to be anticipation, each and every element of the claimed invention must be present in a single prior reference. Applicants respectfully submit that the claimed invention is not taught, suggested, or implied by Chang.

As discussed in the Specification, a computer system according to an implementation of the invention implements a translator and a compiler for compiling a machine readable language, such as ASN.1. When a source file is provided, the system performs a line-by-line compare to determine if the file contains extended grammar constructs of the language. If not, then the source file is compiled. If so, however, then the source file is input to the translator to directly translate the source file into basic grammar constructs.

Thus, claim 1 has been amended to recite "a translator adapted to translate directly between extended grammar constructs of a machine readable language and basic grammar constructs of said machine readable language;" claim 6 has been amended to recite "translating said first source file directly into a second source file, said second source file containing only basic grammar constructs of said machine readable language;" claim 11 has been amended to recite "providing a translator adapted to translate directly between extended grammar constructs of a machine readable language and basic grammar constructs of said machine readable

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language," and claim 16 has been amended to recite "wherein said computer-readable program code is adapted to directly translate said extended grammar constructs into said basic grammar constructs by using one or more lookup tables."

In contrast, as acknowledged in the Official Action, Chang does not relate to extended and basic ASN.1 grammar constructs. Instead, Chang relates to providing source code statements in a host language (e.g., C or Cobol) and including statements in a supplemental language (e.g., SQL). The SQL statements are extracted, converted into a "language independent format" and then into the host language. Not only are these not basic and extended ASN.1 grammar constructs, but there is no direct translation. Instead, a "language independent format" is required. As such, the Examiner is respectfully requested to reconsider and withdraw the rejections:

Claims 2, 7, 12, and 17 were rejected under 35 U.S.C. §103 as being unpatentable over Chang in view of Bapat, U.S. Patent No. 5,291,583 ("Bapat"). Applicants respectfully submit that the present invention is not taught, suggested, or implied by Chang or Bapat, either singly or in combination. Bapat is relied on for allegedly teaching ASN.1 as "a machine readable language." Bapat, however, relates merely to "storing ASN.1 object instances in a relational database language such as SQL." Col. 1, lines 21-22. Like Chang, Bapat appears to have nothing to do with translating extended grammar constructs directly into basic grammar constructs, as generally recited in the claims at issue. As such, the Examiner is respectfully requested to reconsider and withdraw the rejections.

Claims 3-5, 8-10, 13-15, and 18 were rejected under 35 U.S.C. §103 as being unpatentable over Chang in view of Bapat and further in view of "Applicant Admitted Prior Art (APAA)." Chang and Bapat have been discussed above. Applicant Admitted Prior Art is indicated to merely specify particular ASN.1 grammar extensions. Because, however, APAA fails to relate in any way to a translator as recited in the claims at issue (indeed, that is a very object of the present invention), its combination with Chang and Bapat likewise fails to teach, suggest or imply the present invention.

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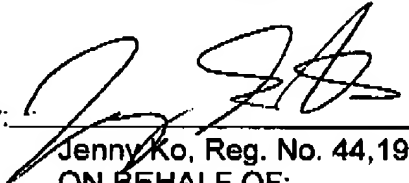
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As such, the Examiner is respectfully requested to reconsider and withdraw the rejections.

For all of the above reasons, Applicants respectfully submit that the application is in condition for allowance, which allowance is earnestly solicited.

Respectfully requested,

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